


AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 6 beginning "Owing to sharing" with the following

amended paragraph:



Owing to sharing of pads 5a (15b) and 5b (15a) for the fixed electrodes 1 of the sensors chips 10X and 10Y, phase differences in pulse voltage Vcc applied to the fixed electrodes 1 of the sensor chips 10X and 10Y can be reduced. Further, the mounting area and the number of times of wire bonding can be reduced. In addition, owing to similarly or symmetrically forming the wirings from the pads 5b and 5a (pads 15a and 15b) for the sensor chips ~~10A~~10X and 10Y, the wiring resistance in each direction and the parasitic capacitance between each sensor chip and the semiconductor substrate 10 can be equalized. Therefore, phase differences in pulse voltage Vcc can be reduced.